

Applicant : W. James Cook et al.
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44. An isolated polypeptide encoded by a nucleic acid molecule from *Aspergillus* that is at least 95% identical to SEQ ID NO:1 or SEQ ID NO:3.

45. An isolated polypeptide encoded by a nucleic acid molecule that specifically hybridizes at 68°C in 5x SSC/5x Denhardt's solution/ 1.0% SDS to SEQ ID NO:1 or SEQ ID NO:3.

46. An isolated polypeptide encoded by a nucleic acid molecule comprising the cDNA sequence contained within American Type Culture Collection (ATCC) deposit accession number PTA-1663.

47. The polypeptide of claim 43, wherein the isolated nucleic acid molecule comprises the sequence of SEQ ID NO:1, or degenerate variants thereof.

B' 48. The polypeptide of claim 43, wherein the isolated nucleic acid molecule comprises the sequence of SEQ ID NO:1, or degenerate variants thereof, wherein T is replaced by U.

49. An isolated N-myristoyl transferase (NMT) polypeptide, the amino acid sequence of which is at least 65% identical to the amino acid sequence of SEQ ID NO:2.

50. The NMT polypeptide of claim 49, wherein the amino acid sequence is at least about 75% identical to the amino acid sequence of SEQ ID NO:2.

51. The NMT polypeptide of claim 49, wherein the amino acid sequence is at least about 85% identical to the amino acid sequence of SEQ ID NO:2.

52. The NMT polypeptide of claim 49, wherein the amino acid sequence is at least about 95% identical to the amino acid sequence of SEQ ID NO:2.

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53. The NMT polypeptide of claim 49, wherein the amino acid sequence is at least about 98% identical to the amino acid sequence of SEQ ID NO:2.

54. The NMT polypeptide of claim 49, wherein the amino acid sequence is SEQ ID NO:2 with conservative amino acid substitutions.

55. The NMT polypeptide of claim 50, wherein the amino acid sequence is SEQ ID NO:2 with conservative amino acid substitutions.

56. The isolated polypeptide of claim 51, wherein the amino acid sequence is SEQ ID NO:2 with conservative amino acid substitutions.

57. The isolated polypeptide of claim 52, wherein the amino acid sequence is SEQ ID NO:2 with conservative amino acid substitutions.--
